

SHREWSBURY
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> | | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | | <u>Melanoma of Skin</u> | | | |
| Male | 17.24 | 20 | 116 | Male | 10.40 | 14 | 135 |
| Female | 6.22 | 3 | NC* | Female | 8.02 | 5 | 62 |
| Total | 23.46 | 23 | 98 | Total | 18.42 | 19 | 103 |
| <u>Brain and Other Central Nervous System</u> | | | | <u>Multiple Myeloma</u> | | | |
| Male | 5.69 | 3 | NC* | Male | 3.22 | 4 | NC* |
| Female | 4.79 | 5 | 104 | Female | 2.88 | 5 | 174 |
| Total | 10.48 | 8 | 76 | Total | 6.10 | 9 | 148 |
| <u>Breast</u> | | | | <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 1.12 | 1 | NC* | Male | 13.73 | 18 | 131 |
| Female | 102.86 | 99 | 96 | Female | 11.56 | 9 | 78 |
| Total | 103.97 | 100 | 96 | Total | 25.29 | 27 | 107 |
| <u>Cervix Uteri</u> | | | | <u>Oral Cavity and Pharynx</u> | | | |
| Female | 6.60 | 3 | NC* | Male | 11.36 | 10 | 88 |
| | | | | Female | 5.31 | 4 | NC* |
| | | | | Total | 16.67 | 14 | 84 |
| <u>Colon / Rectum</u> | | | | <u>Ovary</u> | | | |
| Male | 43.64 | 42 | 96 | Female | 12.41 | 15 | 121 |
| Female | 39.93 | 41 | 103 | | | | |
| Total | 83.56 | 83 | 99 | | | | |
| <u>Esophagus</u> | | | | <u>Pancreas</u> | | | |
| Male | 6.27 | 6 | 96 | Male | 6.58 | 9 | 137 |
| Female | 2.06 | 3 | NC* | Female | 6.64 | 8 | 120 |
| Total | 8.33 | 9 | 108 | Total | 13.23 | 17 | 128 |
| <u>Hodgkin's Disease</u> | | | | <u>Prostate</u> | | | |
| Male | 2.77 | 4 | NC* | Male | 106.02 | 107 | 101 |
| Female | 2.08 | 0 | NC* | | | | |
| Total | 4.85 | 4 | NC* | | | | |
| <u>Kidney and Renal Pelvis</u> | | | | <u>Stomach</u> | | | |
| Male | 10.09 | 14 | 139 | Male | 7.43 | 5 | 67 |
| Female | 5.88 | 8 | 136 | Female | 4.27 | 0 | NC* |
| Total | 15.97 | 22 | 138 | Total | 11.70 | 5 | 43 #- |
| <u>Larynx</u> | | | | <u>Testis</u> | | | |
| Male | 6.11 | 7 | 114 | Male | 3.96 | 9 | 227 #+ |

| | | | | | | | |
|---|-------|----|-----|---|--------|-----|-----|
| Female | 1.70 | 1 | NC* | | | | |
| Total | 7.81 | 8 | 102 | | | | |
| <u>Leukemia</u> | | | | <u>Thyroid</u> | | | |
| Male | 7.44 | 4 | NC* | Male | 2.10 | 4 | NC* |
| Female | 5.44 | 4 | NC* | Female | 5.29 | 6 | 113 |
| Total | 12.87 | 8 | 62 | Total | 7.40 | 10 | 135 |
| <u>Liver and Intrahepatic Bile Ducts</u> | | | | <u>Uteri, Corpus and Uterus, NOS</u> | | | |
| Male | 3.47 | 1 | NC* | | | | |
| Female | 1.38 | 1 | NC* | Female | 19.89 | 28 | 141 |
| Total | 4.85 | 2 | NC* | | | | |
| <u>Lung and Bronchus</u> | | | | <u>All Sites / Types</u> | | | |
| Male | 55.85 | 49 | 88 | Male | 348.57 | 360 | 103 |
| Female | 41.38 | 40 | 97 | Female | 319.66 | 310 | 97 |
| Total | 97.23 | 89 | 92 | Total | 668.23 | 670 | 100 |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels